

IPO CHART

Program name:	Prime Number Mastery	
INPUT	PROCESS	OUTPUT
Hint: What will the user input?	Hint: What is the program going to do with the input information?	Hint: What will the screen display after user input?
<ul style="list-style-type: none"> - User inputs an integer value 	<ul style="list-style-type: none"> - Program stores user input - Boolean n set to false (when printing output, if n is true program prints "not prime, and if n is false, program prints "is prime") - If user input is 0 or 1, boolean value is changed to true, and program outputs "not prime number" - For statement looks at all other numbers, and conditional statement separates non prime numbers by seeing if it's divisible by 2. - If number isnt divisible, it prints "is prime." - If number is divisible, it prints "not prime" 	<ul style="list-style-type: none"> - If value is not prime, program prints "not prime" - If value is prime, program prints "is prime"